

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR
DETECTING EMOTION IN VOICE SIGNALS BY UTILIZING
STATISTICS FOR VOICE SIGNAL PARAMETERS**

ABSTRACT

5 A system, method and article of manufacture are provided for detecting
emotion using statistics. First, a database is provided. The database has statistics
including human associations of voice parameters with emotions. Next, a voice
signal is received. At least one feature is extracted from the voice signal. Then
the extracted voice feature is compared to the voice parameters in the database.
10 An emotion is selected from the database based on the comparison of the extracted
voice feature to the voice parameters and is then output.